SONY

DCR-DVD910

DVD Handycam® camcorder

NEW

The DCR-DVD910 matches powerful features with ease of use. The ClearVid™ CMOS sensor (with Exmor™ technology) and BIONZ™ image processor captures sharply detailed video and still images. While Face Detection technology improves your video and still images by adjusting focus, color and brightness, with the Built-in zoom microphone with Dolby® Digital 5.1 channel recording sync with the camera's zoom lens, helping memories ring true with clear dialogue and crisp, discrete sounds. At your choice, record everything directly to either DVD or removable Memory Stick Duo™ or Memory Stick PRO Duo™ media using Hybrid recording technology.

- 2.3 Megapixel ClearVid™ CMOS Sensor (with Exmor™ Technology) and BIONZ™ Image Processor
  Sony's newly designed CMOS image sensor with delivers bright, vivid, and spectacularly detailed 2.3 megapixel (effective) video footage, as well as 4 megapixel still images -- all with prolonged battery life. Exmor™ technology captures images with high resolution and high sensitivity. In addition, the advanced Sony BIONZ™ image processor improves camera response time and screens out noise so the signal from each pixel is as pure as possible.
- BIONZ™ Image Processor
  The advanced Sony BIONZ™ Image Processor uses hardware-based Large Scale Integrated (LSI) circuitry that improves camera response time, screens out noise before RAW data conversion, handles Dynamic Range Optimization processing, and prolongs battery life.
- Exmor™ Imaging Sensor
  Exmor™ technology captures video and still photo images with high resolution, high sensitivity, and exceptional detail. Advanced on-sensor A/D conversion yields rich tonal reproduction with high signal-to-noise ratio.
- 15X Optical / 180X Digital Zoom
  The optical zoom helps to bring the action close up from far away. In addition, Digital Zoom Interpolation means that extreme digital zooming is clearer, with less distortion than previous types of digital zoom.
- Professional Quality Carl Zeiss® Vario-Sonnar® T* Lens
  Carl Zeiss® Vario-Sonnar® T* lenses use highly advanced optics to deliver vivid image brilliance, true-to-life color saturation, and perfect renditions of subtle tones. The additional T* coating further reduces unwanted glare and flare for increased contrast and color.
- DVD Format Video Recording
  The DVD recording format in MPEG2 (SD) delivers digital picture and sound quality comparable to that of MiniDV, but on DVD. Playback of these DVDs couldn't be simpler (depending upon the playback device used). After finalizing the disc in the camcorder, the disc can play back in most DVD Players (SD), computers, Blu-ray Disc™ players, and even PlayStation® 3 video game consoles.
- DVD-R/-RW/+RW and +R DL (Dual Layer) Compatible[3]
  Compatibility with a variety of DVD formats[3] allows the ease-of-use and simplicity found in DVD media. With DVD+RW media there is no need to finalize the disc (minimum recording required); simply remove the finalized disc and insert the media into a compatible DVD or Blu-ray Disc™ Player.
- Face Detection for Video Footage and Digital Still Photos
  Made possible by the BIONZ™ image processing engine, Face Detection technology recognizes up to 8 faces anywhere in the frame and automatically controls focus, exposure, and color to help capture smiling faces brightly and clearly. Face Detection also helps make skin tones look natural without affecting other colors in the image.
- Hybrid Recording to DVD or Memory Stick® Media
  Hybrid recording technology delivers a new level of flexibility for transferring your video footage and digital photos from the camcorder to compatible viewing devices. Record to DVD media, or choose instead to record to removable Memory Stick Duo™ media or Memory Stick PRO Duo™ media. You can even select from various dubbing functions to easily copy video or still images from Memory Stick media to DVD -- without using a PC. Images recorded or transferred to DVD can then be played directly most DVD Players (SD), computers, Blu-ray Disc™ players, and even PlayStation® 3 video game consoles to share your memories with friends and family.
- Quick On
  Missing an important scene can be frustrating, especially if the reason is because your camcorder is turned off. With the Quick On feature, the touch of a single button places that camcorder in Sleep mode. Another push instantly wakes the camcorder, so you'll always be ready to capture special moments.
- Built-in zoom microphone with 5.1 ch recording
  Featuring Dolby® Ditigal 5.1 Creator, the built-in zoom microphone focuses audio recording on your subjects in sync with the camera's zoom lens, helping memories ring true with clear dialogue and crisp, discrete sounds.
- 2.7" Wide[1] (16:9) Hybrid Touch Panel Clear Photo LCD Plus™ Display (211K Pixels)
  The 2.7" Wide[1] (16:9) LCD screen provides exceptional viewing clarity with improved resolution (211K pixels). The display rotates up to 270 degrees for multiple viewing angles, as well as provides sharp, detailed images for monitoring or playback. The widescreen format makes shooting in 16:9 mode and composing shots even easier.
- Memory Stick PRO Duo™ Media Slot
  Capture still images directly onto Memory Stick PRO Duo™ media (sold separately) for easy transfer to PCs for emailing, printing, or sharing with other compatible Memory Stick® devices (sold separately).

ADDITIONAL FEATURES

- BRAVIA® Sync™ (CEC) Technology
- Dynamic Range Optimizer
- Dual Record
- x.v. Color™ Technology
- SteadyShot® Optical Image Stabilization System
- InfoLITHIUM® Battery with AccuPower™ Meter System
- Manual Focus
- Super NightShot® Infrared System

ClearVid CMOS sensor

Exmor™

Face Detection for video & photo

HYBRID Memory Stick movie recording

QUICK ON

ZEISS

DOLBY DIGITAL 5.1 CREATOR

2.7" WIDE LCD Monitor

Clear Photo LCD plus

WIDE LCD

SONY

DCR-DVD910

DVD Handycam® camcorder

Specifications

General

Imaging Device: 1/5" ClearVid™ CMOS sensor (with Exmor™ technology)

Pixel Gross: 2300K

Recording Media: 3" (8cm) DVD (DVD-R/DVD-RW/DVD+RW/DVD+R DL), Memory Stick Duo™ Media, Memory Stick PRO Duo™ Media

Recording and Playback Times: Single Layer - HQ: 20 min., SP: 30 min., LP 60 min. Dual Layer - HQ: 35 min., SP: 55 min., LP: 110 min. When using 8GB Memory Stick PRO Duo™ Media (sold separately): Standard Definition: HQ = up to 115 min., SP = up to 170 min., LP = up to 325 min.

Video Actual: 1120K Pixels (4:3), 1490K Pixels (16:9)

Still Actual: 1990K Pixels (4:3), 1490K Pixels (16:9)

Processor: BIONZ™ image processo

Video Resolution: 720 x 480

Still Picture Resolution: 4 megapixel

Audio

Audio Format: Dolby® Digital 5.1

Microphone: Built-in Zoom Microphone

Convenience

Memory Stick PRO™ Media Compatibility: Tested to support up to 8GB media capacity; does not support high speed transfer function; does not support Access Control security function.

Face Detection: Yes

Hybrid: Yes

Hybrid Plus: N/A

Quick On: Yes

BRAVIA® Sync™ : N/A

Dual Record: Yes

Convenience Features

Easy Operation: Yes

Multiple Language Display: Yes

Slide Show Mode: Yes

Scene Mode(s): Auto, Twilight, Twilight Portrait (Still only), Candle, Sunrise & Sunset, Fireworks, Landscape, Portrait, Spotlight, Beach, Snow

Picture Effect(s): Monotone, Sepia, Pastel

Digital Picture Effect(s): Old Movie

PictBridge Compatible: N/A

Dynamic Range Optimizer: Yes

SteadyShot® Image Stabilization: O.I.S.

Low Light Capability: S-NS

White Balance: Auto, Outdoor, Indoor, One-push (touch panel)

Fader Effect(s): Black, White

Face Index: Yes

Film Roll Index: Yes

Photo Capture from Movie: Yes

Still Image Mode(s): JPEG

Dubbing Button: N/A

USB Streaming: N/A

PhotoTVHD: N/A

x.v.Color™ : N/A

Video

Video Signal System: NTSC color, EIA standards

Format(s) Supported: SD (MPEG2)

Inputs and Outputs

LANC Terminal: Accesible via A/V Remote Terminal

Analog Audio/Video Output(s): Included (via A/V Remote Terminal)

Digital Audio/Video Output(s): N/A

USB Port(s): Hi-speed (2.0 compliant)

i.LINK® Interface: N/A

Component Video (Y/Pb/Pr) Output(s): N/A

Headphone Jack: N/A

Microphone Input: N/A

S-Video Output(s): Included in A/V Remote

HDMI™ Connection Output(s): N/A

Audio/Video Remote Terminal: Video/S Video/Audio/LANC

Active Interface Shoe: Yes

Display

LCD Screen: 2.7" wide[1] (16:9) touch panel Clear Photo LCD Plus™ display (211k pixels)

Viewfinder: Color Wide 16:9 (123K Pixels)

Hardware

Flash: Yes

Memory Stick slot: Memory Stick PRO Duo™ Media

Manual / Auto Lens Cover: Auto

Assignable Dial: N/A

S/S & Zoom button on LCD: Yes

Optics/Lens

35mm Equivalent: 49 - 735mm (4:3 Camera Mode), 40 - 600mm (16:9 Camera Mode)

Aperture: F1.8 - 2.6

Exposure: Full range auto / Manual

Filter Diameter: 30mm

Focal Distance: 3.1 - 46.5mm

Focus: Full range auto / Manual (Touch Panel)

Progressive Shutter Mode: Yes

Shutter Speed: Auto, 1/30 - 1/250 (Scene Selection Mode)

Optical Zoom: 15x

Digital Zoom: 180x

Lens Type: Carl Zeiss® Vario-Sonnar® T

Minimum Illumination: 5 lux (Auto Slow Shutter ON, 1/30 Shutter Speed)

Power

Power Consumption: 2.5W /2.9W (VF/LCD)

Battery Type: InfoLITHIUM® with AccuPower™ Meter System (NP-FH40)

Power Requirements: 7.2V (battery pack); 8.4V (AC Adaptor)

Service and Warranty Information

Limited Warranty: Limited Warranty --- 1 Year Parts; 90 Days Labor

Software

Operating System Compatibility: Microsoft® Windows® 2000 Professional, XP Home, XP Professional, Windows Vista

Supplied Software: Picture Motion Browser Ver.3.0.00

Dimensions

Weight: 15 oz (450g) with Battery

Measurements: 2 1/4 x 3 5/8 x 5 1/8 inch (55.0 x 89.0 x 130.0mm)

Supplied Accessories

Power Adapter/In-Camera Charger (AC-L200)

InfoLITHIUM® Rechargeable Battery (NP-FH40)

Remote Commander® Remote Control (RMT-835)

Multi A/V Cable (Stereo)

USB Cable

Application CD-ROM w/ Driver

Enjoy Handycam DVD

UPC Code: 027242727441

1. Viewable area measured diagonally.
2. Camcorder captures high definition footage in the AVCHD™ format. Using the enclosed PC software, high definition footage can be copied onto DVD media. However, DVD media containing AVCHD footage should not be used with DVD based players or recorders, as the DVD player/recorder may fail to eject the media and may erase its contents without warning. DVD media containing AVCHD footage may be played on a compatible Blu-ray Disc™ player/recorder or other compatible device.
3. DVD media/formats are not universally compatible.
4. HD viewing requires a Sony HD connector cable or HD Cyber-shot Station® cradle and HDTV. All sold separately.
5. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE1394 connection. The i.LINK connection may vary depending on the software applications, operating system and compatible i.LINK devices. All products with an i.LINK connection may not communicate with each other
6. Not all products with USB connectors may communicate with each other due to chipset variations
7. Actual battery life will vary based on product settings, usage patterns, battery and environmental conditions.
8. Compatible BRAVIA® HDTV and special TV settings are required. Further details are available in the BRAVIA® TV instruction manual.
9. 30GB means 30 billion bites. Available storage capacity may vary and a portion of the memory is used for data management functions.
10. Requires BRAVIA Sync feature in each product. Please refer to owner's manual to determine compatibility.

©2007 Sony Electronics Inc. All rights reserved.
Reproduction in whole or in part without written permission is prohibited. Sony, AccuPower, Advanced HAD, Handycam, i.LINK, InfoLITHIUM, like.no.other, NightShot, PlayStation, Remote Commander, SteadyShot and SwivelScreen are trademarks of Sony. Carl Zeiss and Vario-Tessar are trademarks of Carl Zeiss. PictBridge is a trademark of CIPA. Microsoft and Windows are registered trademarks of Microsoft Corporation. PlayStation is a trademark of Sony Computer Entertainment of America. All other trademarks are property of their respective owners.
Features and specifications subject to change without notice. Non-metric weights and measures are approximate and may vary.
Screen Images Simulated

Please visit the Dealer Network for more information at www.sony.com/dn